



OHM Remediation Services Corp.

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Irvine, CA 92612-1692
Tel. 949.261.6441
Fax. 949.474.8309

A Member of The IT Group

M60050.002512
MCAS EL TORO
SSIC #5090.3

July 9, 1999

Ms. Bozier H. Demaree, Code 02R.BD
Contracting Officer
Naval Facilities Engineering Command, Southwest Division
1220 Pacific Highway
San Diego, California 92132-5187

Attn: Ms. Lynn Marie Hornecker

**Re: Tank Closure Report
Aboveground Storage Tank (AST) 862 at
Marine Corps Air Station El Toro, California
SWDIV Contract No. N68711-93-D-1459
DCN SW 5248, Delivery Order No. 112**

This Tank Closure Report summarizes the field activities conducted and associated with one aboveground storage tank (AST) designated as AST 862 near Building 496 at Marine Corps Air Station, El Toro, California (hereinafter referred to as "the Station"). The location of the Station is shown on Figure 1-1, Facility Location Map.

AST 862 is located in the southwest quadrant of the Station, east of Bee Canyon Wash near the intersection of South Marine Way and "L" street. AST 862 is located inside a concrete containment bermed structure. AST 862 is a 30,000-gallon capacity steel horizontal tank, used for storage of waste JP-5 product. Building 496 and the AST 862 locations are shown on Figure 1-2, Location Map.

Site Background and Scope Of Work

AST 862 is located within the area formerly occupied by the sewage treatment plant complex and adjacent to Installation Restoration Program (IRP) Site 12, (the sludge drying beds) and Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA) Solid Waste Management Unit (SWMU) 90, the former sewage treatment plant. Most of the structures associated with the sewage treatment plant have been demolished. AST 862 is associated with an oil-water separator (OWS) 862, and both are located within the concrete bermed containment area. In September 1998, OHM performed closure-in place and verification drilling activities in the vicinity of OWS 862. Two angled soil borings were drilled and eight soil samples were collected. Petroleum hydrocarbons, benzene and methyl tert-butyl ether (MTBE) compounds were not detected in all eight soil samples (*OWS Site 862 Closure Report, Marine Corps Air Station, El Toro, prepared by OHM, March 12, 1999*). A copy of the Station drawing for the AST and OWS 862 is included in Appendix A, Station Drawing.

The scope of work for this project included the following:

- Removal of AST 862 contents, sampling of the contents and off-site transportation and disposal of the contents.
- Cleaning and rinsing the inside of the AST 862 for closure in place (no physical removal of AST 862).

Summary of Field Activities

Field activities were conducted in accordance with the approved *Draft Work Plan, Remediation of Various Underground Tanks at the Marine Corps Air Station El Toro, California, OHM 1995*. Details of the AST 862 field activities are described below.

Permitting

OHM contacted the Orange County Health Care Agency (OCHCA) and California Regional Water Quality Control Board (RWQCB), Santa Ana Region for information on AST closure regulations. OCHCA informed OHM that no permits were required for closure of an AST. Per RWQCB, soil sampling is required for closure of an AST, if there is recorded or reported spills and visual evidence of any stains or spills around the AST. Copies of the telephone conversation logs are included in Appendix B, Regulatory Correspondence.

Site Inspection

OHM personnel conducted a site inspection on April 1, 1998 to visually inspect the AST 862 area. AST 862 location was observed inside the fenced concrete bermed area. AST 862 was inactive and some product (most likely JP-5) was observed inside the AST 862.

During the visual inspection of the AST 862 vicinity area, OHM observed no evidence of surface stains or spills on the concrete containment pad. Also, a concrete pad was intact with no cracks. A copy of the site visit / inspection log is included in Appendix C, Site Inspection Log.

AST Contents Sampling and Disposal

On April 9, 1998, approximately 2,000-gallons of AST 862 contents (waste JP-5) were pumped out by Maness Environmental Services, a subcontractor to OHM, and transported to the specially marked Defense Reutilization and Marketing Office (DRMO) baker tank at the Station's Central Treatment Facility (CTF) area. This CTF area is operated and maintained by OHM under a separate delivery order.

After the pumping and removal of the contents from AST 862, OHM completed cleaning of the inside of the AST using water from the fire hydrant. Approximately 5,000-gallons of rinsate water and heavier sludge were transferred by a Maness Environmental pump truck to the vapor tight baker tank at the CTF. Solid sludge from bottom of the pump truck was stored in one 55-gallon steel drum (Drum # 564). The inside of the AST 862 was tested using a Lower Explosive Limit (LEL) meter to verify the absence of any flammable vapors. Per OHM SOW, AST 862 was not removed.

On May 21, 1998, AST 862 contents with other liquid contents from DRMO tank (approximately 5,000-gallons) were transported off-site by Advanced Environmental, Inc., to their off-site facility in Fontana, California.

On June 25, 1998, rinsate water from the vapor tight baker tank and sludge drum # 564 were transported off-site by All-Waste Transportation to Chemical Waste Management Facility in Kettleman City, California. Copies of the waste manifests are included in Appendix D, Waste Manifest. Photographs of the field activities are included in Appendix E, Site Photographs.

Conclusions and Recommendations

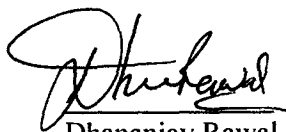
The following conclusions are based upon information from site inspection and regulatory correspondence:

- AST 862 contents with sludge and rinse water were transported off-site to an approved disposal facilities in California. The inside of the AST 862 was cleaned and was tested using a LEL meter to verify the absence of any flammable vapors.
- OHM observed no evidence of surface stains or spills on the concrete pad during the site inspection. The concrete pad underneath the AST 862 was intact with no cracks. Also, no spill from AST 862 was reported and visual inspection of the concrete pad verified no spills or cracks.
- OHM performed closure-in place and verification drilling activities in the vicinity of OWS 862 (located within the concrete containment bermed area of AST 862). Two angled soil borings were drilled and petroleum hydrocarbons, benzene, and methyl tert-butyl ether (MTBE) compounds were not detected in all eight soil samples.

Based on the information presented in this report, OHM, on behalf of the Station, recommends that "No Further Action" for AST 862 be requested.

Should you have any questions or comments, please feel free to contact either of the undersigned at (949) 261-6441.

Sincerely,
OHM Remediation Services Corporation



Dhananjay Rawal
Project Engineer



William Sedlak
Sr. Project Manager

Attachments:

Figure 1-1	Facility Location Map
Figure 1-2	Location Map
Appendix A	Station Drawing
Appendix B	Regulatory Correspondence
Appendix C	Site Inspection Log
Appendix D	Waste Manifests
Appendix E	Site Photographs



**OHM Remediation
Services Corp.**
A Subsidiary of OHM Corporation

OHM TRANSMITTAL/DELIVERABLE RECEIPT

CONTRACT N68711-93-D-1459

DOCUMENT CONTROL NO: SW5248

TO: Contracting Officer
Naval Facilities Engineering Command
Southwest Division
Bozier H. Demaree, Code 02R1.BD
1220 Pacific Highway
San Diego, California 92132-5190

Date: 12-Jul-99

D.O.: 112

Location: MCAS EL TORO

FROM: _____
Stewart Bornhoft, Program Manager


Edwin G. Bond, Contracts Manager

DESCRIPTION *Tank Closure Report, Aboveground Storage Tank (AST) 862, dated July 9, 1999*
OF
ENCLOSURE:

TYPE: Contract Deliverable (☒) D. O. Deliverable (☐) Request for Change (☐) Other (☐)
(\$) (Tech)

VERSION: FINAL

REVISION: 0

ADMIN RECORD: Yes (☐) No (☒) Category (☐) Confidential (☐)

SCHEDULED DELIVERY DATE: 12-Jul-99 **ACTUAL DELIVERY DATE:** 12-Jul-99

NUMBER OF COPIES SUBMITTED TO THE NAVY: 1/O, 3/C, 2/E

[AS REQUIRED/DIRECTED BY THE (SOW)]

COPIES TO:

SWDIV

OHM

OTHER

Name, Code

Name, Location

Name, Company, Location

L. Holloway, 4EN.LLH (1C/1E)

File (1C/1E)

El Toro Environ. Dept 3E

L. Hornecker, 5BME.LH (1C/1E)

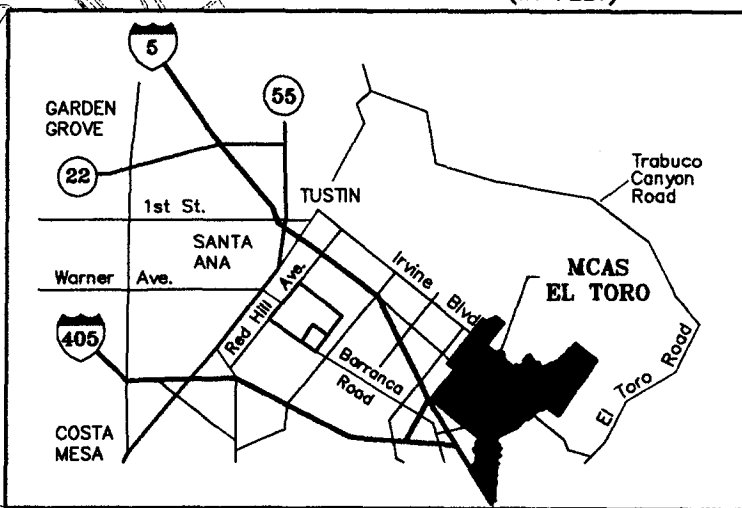
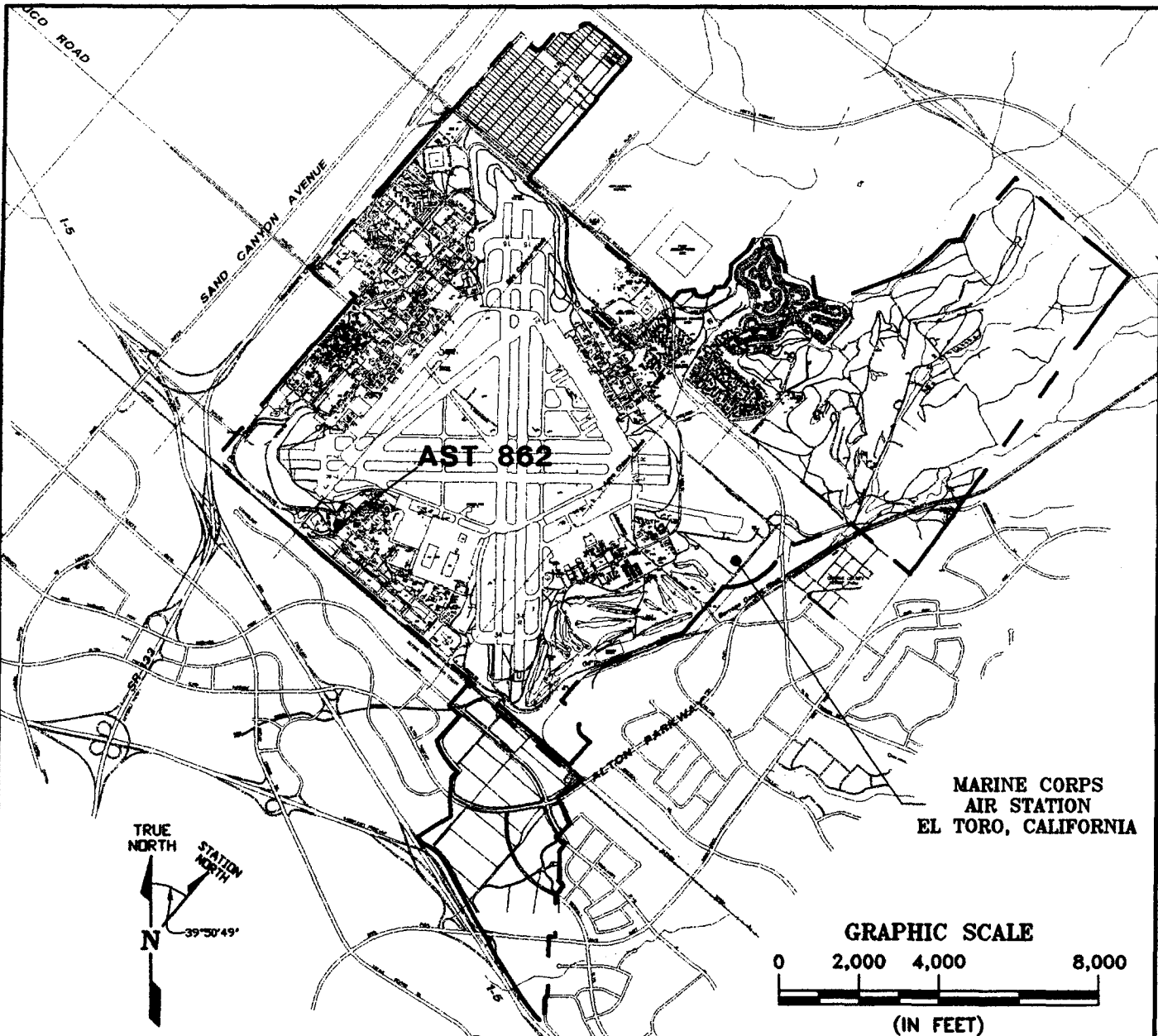
Chron (1C)

G. Tinker, 05BM.GT (1C)

W. Sedlak, Irv (1C/1E)

Date/Time Received: _____ / _____

Figures



OHM Remediation Services Corp.
A Subsidiary of OHM Corporation
SAN DIEGO, CA

CONTRACT NAME

SWDIV

AUTOCAD FILE No.

20242094.DWG

PLOT SCALE
1"=1

SHEET OF
1 1

DRAWN BY
R. PIRMORADIAN DATE
07/07/99

CHECKED BY
DR DATE
7/1/99

APPROVED BY DATE

PROJECT MANAGER
W. S. S. S. DATE
7/13/99

SCALE

1"=4,000'

DOCUMENT CONTROL No.

SW5248

**FACILITY LOCATION MAP
AST 862**

**MARINE CORPS AIR STATION
EL TORO, CALIFORNIA**

OHM PROJECT No.

20242

FIGURE No.

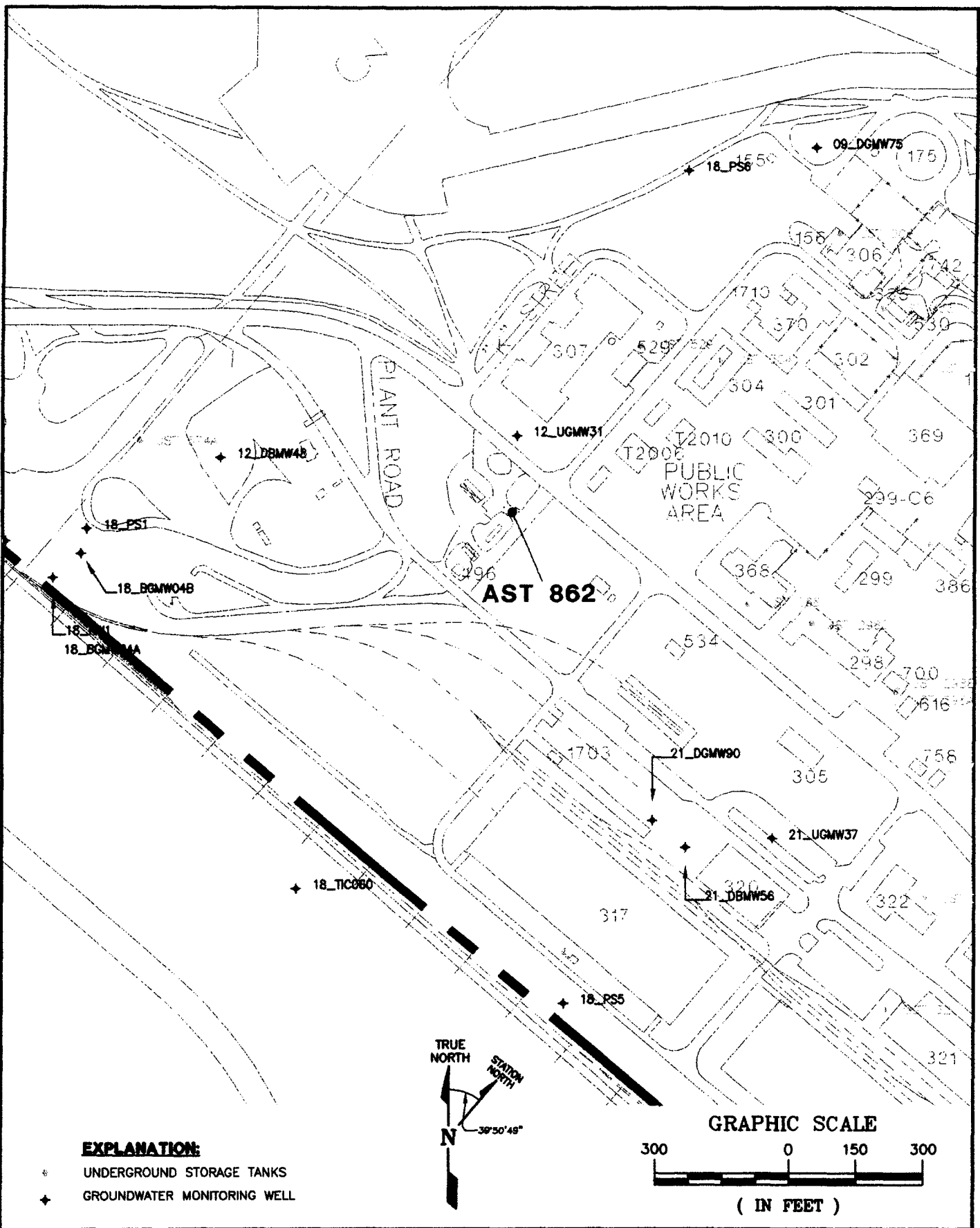
FIG 1-1

REVISION

0


Jul 07, 1999 - 12:45:22 H:\OHM CORP\PROJECTS\20242\20242094.dwg

JUL 07, 1999 - 12:48:08 H:\OHM CORP\PROJECTS\20242\20242095.dwg



EXPLANATION:

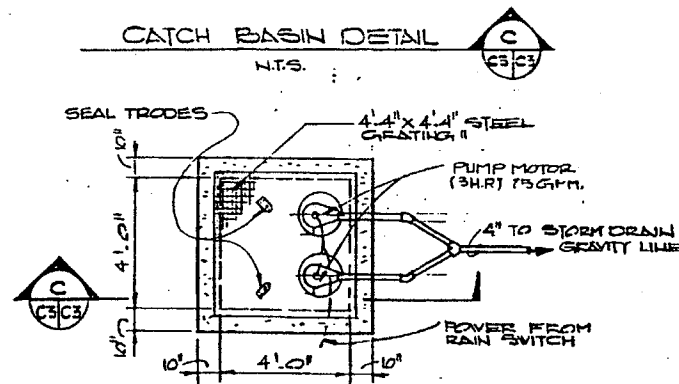
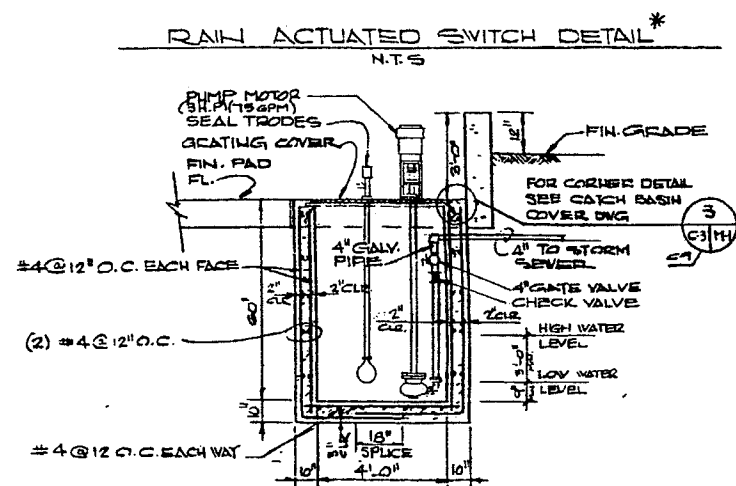
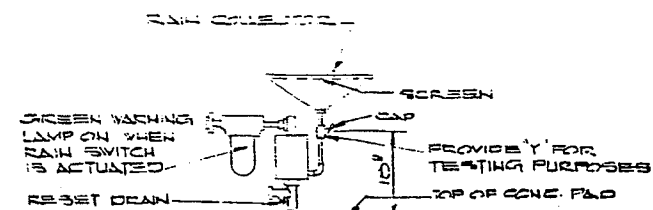
- * UNDERGROUND STORAGE TANKS
- + GROUNDWATER MONITORING WELL

 OHM Remediation Services Corp. A Subsidiary of OHM Corporation SAN DIEGO, CA				DRAWN BY R. PIRMORADIAN		DATE 07/07/99	
				CHECKED BY DR		DATE 7/17/99	
CONTRACT NAME SWDIV				APPROVED BY		DATE	
AUTOCAD FILE No. 20242095.DWG				PROJECT MANAGER W. S. Miller		DATE 7/18/99	
PLOT SCALE 1=1		SHEET OF 1 1		SCALE 1"=300'		DOCUMENT CONTROL No. SW5248	
				OHM PROJECT No. 20242		FIGURE No. FIG 1-2	
						REVISION 0	

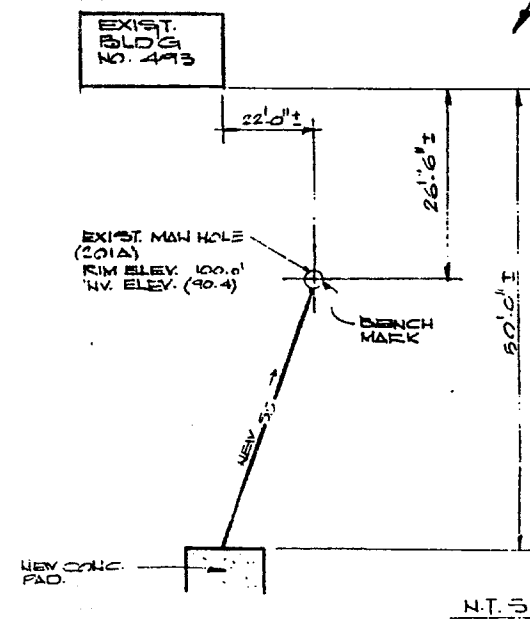
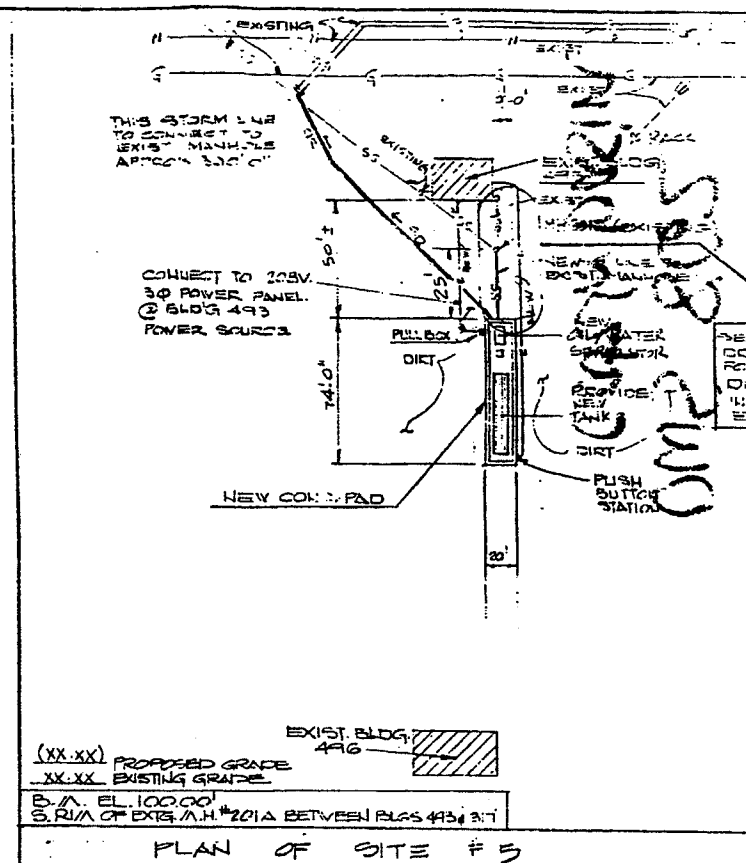
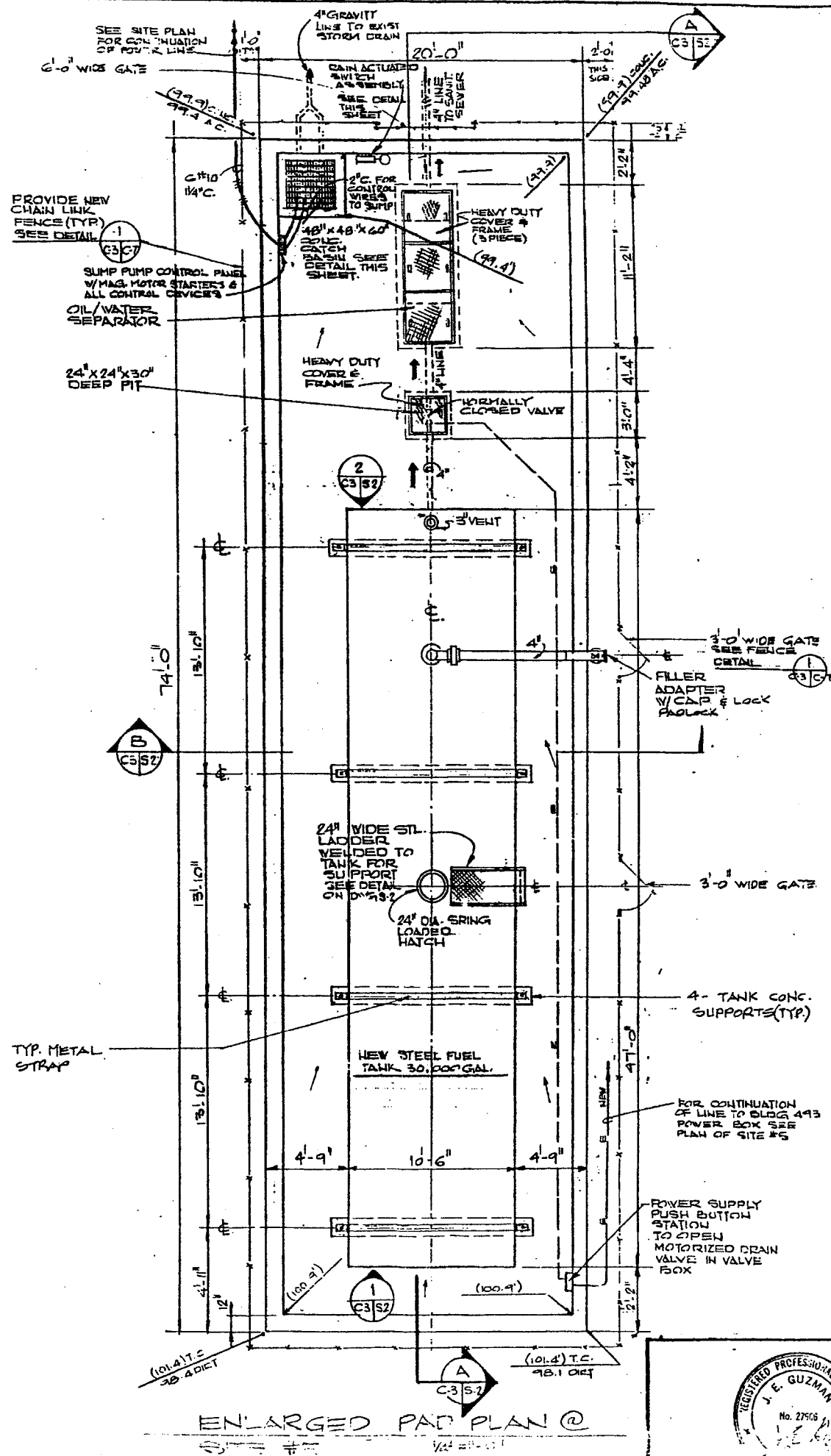
**LOCATION MAP
AST 862**

**MARINE CORPS AIR STATION
EL TORO, CALIFORNIA**

Appendix A
Station Drawing



* RAIN ACTIVATED SWITCH SHALL BE WIRED IN SERIES WITH SUMP PUMP FLOAT CONTROL. WHEN RAIN COLLECTOR IS ENERGIZED BY RAIN WATER IT WILL START THE SUMP PUMP AT THE SAME TIME AS FLOAT SWITCH IS ENERGIZED. AFTER THE RAINFALL HAS STOPPED THE OPERATOR SHALL RESET RAIN COLLECTOR FOR NEXT RAINFALL.



IF SHEET IS LESS THAN 24" X 36" IT IS A REDUCED PRINT - SCALE REDUCED ACCORDINGLY.		DWG. C-3
DEPCO THE NATIONAL DEPCO COMPANY, CORPORATION 2011 FOOTBALL BLVD. PASADENA, CALIF. 91101		U.S. MARINE 5-3936 ATL FACILITIES SUBJECT: LEV-215 HAZARDOUS WASTE OF PLAS. EL TOC PLAN

Appendix B
Regulatory Correspondence



DOCUMENTATION MEMO

Form No. 0066
Eng. Services
Rev. 07/89

JHM Corporation

Page 1 of 1

Date: 7/21/98 Time: 2:00 PM
Subject: AST Regulation & Permitting

Project Number: DO 112, 20242

Project: Eitono

<input checked="" type="checkbox"/> Phone Call From	<input checked="" type="checkbox"/> Phone Call To
<u>D. Rawal</u>	<u>Arghavan Farid</u>
Name	
<u>OCHCA</u>	
Company	
<u>714-667-3713</u>	
Phone Number	

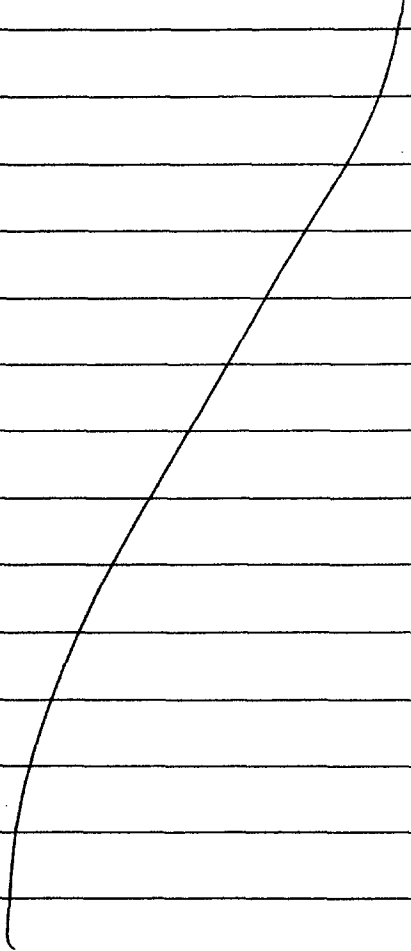
<input type="checkbox"/> Meeting	Location <u>W/A</u>
Attendee	Organization

Remarks:

I called Arghavan Farid of OCHCA to inquire about Orange County Regulations and/or Permitting Requirements on Aboveground Storage Tanks (AST).


Arghavan told me that Orange County Health Care Agency (OCHCA) does not regulate ASTs. She told me to follow up with Orange County Fire Department for any further guidance. Also, Arghavan told that no Permits are required to remove AST, she mentioned that talk to RWQCB, Santa Ana Region for Regulation on AST Removal.

Remarks:



Action Steps and Person Responsible: Call Fire department and RWQCB to confer
AST regulations.

Copies to: Bill Sedds
OHM File,

Signed:  7/2/98



DOCUMENTATION MEMO

Form No. 0066
Eng. Services
Rev. 07/89

OHM Corporation

Page 1 of 1

Date: 7/22/98 Time: 10:00 AM
Subject: AST Regulations

Project Number: DO 112, 20242
Project: Eituno,

<input checked="" type="checkbox"/> Phone Call From	<input checked="" type="checkbox"/> Phone Call To
<u>D. Rawns</u>	<u>City of Irvine, Fire</u>
<u>Roger Craig</u>	<u>dept,</u>
Name	
<u>City of Irvine Fire dept.</u>	
Company	
<u>714-744-0400</u>	
Phone Number	

<input type="checkbox"/> Meeting	Location <u>N/A</u>
Attendee	Organization

Remarks:

I called City of Irvine Fire department for guidance on AST Regulations. I talked to Mr. Craig and he mentioned that if there is any kind of flammable product spilled or any fire hazard situation then Fire department can help. But for AST Removal or cleaning they do not have and jurisdiction or authority. Also, Mr. Craig told me that they provide safety classes on how to handle hazardous flammable product to avoid any fire hazard.

Remarks:

Action Steps and Person Responsible: Call RWGCB, Santa Ana Region

Copies to: Bill Sedlak
File

Signed: [Signature] 7/22/78



DOCUMENTATION MEMO

Form No. 0066
Eng. Services
Rev. 07/89

OHM Corporation

Page 1 of 1

Date: 7/22/98 Time: 11:00 AM

Project Number: _____

Subject: AST Regulations for Closure

Project: _____

<input checked="" type="checkbox"/> Phone Call From	<input checked="" type="checkbox"/> Phone Call To
<u>Dharmajyoti Rawat</u>	<u>Dicky Lass</u>
<u>Ms. Dicky Lass</u>	
Name	
<u>RWQCB, Santa Ana Region</u>	
Company	
<u>909-782-3295</u>	
Phone Number	

<input type="checkbox"/> Meeting	Location _____
Attendee	
Organization	

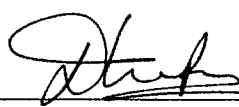
Remarks:

I called RWQCB, Santa Ana Region for AST Regulations & Requirements. I talked to Ms. Dicky Lass and she told me that they have an in-house expert on AST, and his name is Mr. Ray Akhtashad (Ph# 909-320-2024). She mentioned that AST are regulated by RWQCB. But specific questions related to AST removal, sampling etc should be directed to Ray.

Remarks:

Action Steps and Person Responsible: Call Mr. Ray Akhtarwal of PwC, CB, 909-320-2024
for 48T Regulation

Copies to: Bill Sedlak
OHM File.

Signed:  7/22/98



DOCUMENTATION MEMO

Form No. 0066
Eng. Services
Rev. 07/89

OHM Corporation

Page 1 of 1

Date: 7/31/98 Time: 8:30am

Project Number: Eitono D0112

Subject: _____

Project: Eitono

<input checked="" type="checkbox"/> Phone Call From	<input type="checkbox"/> Phone Call To
Ray Akhtarshad → D. Ravi	
Name	
RWQCB, Santa Ana Region	
Company 909-320-2024,	
909-744-0400	
Phone Number	

<input type="checkbox"/> Meeting	Location _____
Attendee	Organization

Remarks:

I received phone call from Mr. Ray Akhtarshad of RWQCB, Santa Ana Region, AST Division. I asked Ray about AST Regulations and he told me that AST Regulations are part of Clean Water Act, if there is a reported past spill from AST operation to the surrounding and if visual inspection of the AST area confirms spills, stains then soil sampling is required to find the extent of contamination. But if there is no visual evidence of spills or reported spills, then no soil sampling is required. Also, the department regulates AST maintenance guidance.

Also, Ray told me that there is no specific requirements for AST closure other than remove the product clean the inside of tank and confirm there is no flammable vapors exist. He told me to call for any other questions.

Remarks:

Action Steps and Person Responsible: None,

Copies to: Bill Sedlak
OHM file

Signed: 

Appendix C
Site Inspection Log

SITE ASSESSMENT LOG
MCAS El Toro
REMEDATION OF VARIOUS UST SITES
20242, D.O. 112, D070

AST

UST SITE: 862

Field Observations by: Jay Neuhau,
Greg Early, D. Raval.

Date: April 1, 1998

Former UST area: Paved or Unpaved

Paved Containment Concrete area,
with concrete below & OWS.

AST
Paved Concrete or Asphalt

Unpaved: Open dirt area

Any Visible Sprinkler System: Yes / (No)

-Nearest Building or Structure Distance: Building 496, OWS 862. Opposite Rolcc

Trailer Building AST 862 @ 30,000 Gallons.

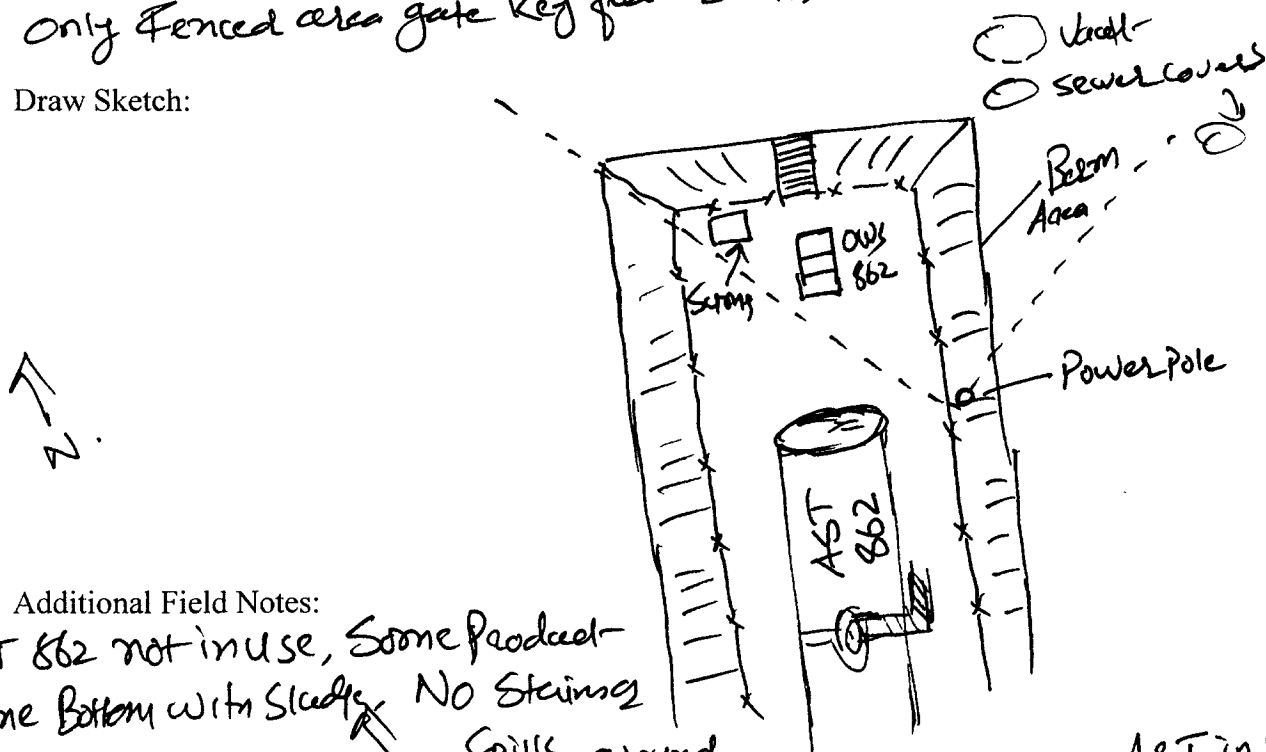
-Any Underground Piping/Lines, or Transformer Observed: Underground utilities observed,

-Overhead Utility Lines/Poles: Yes. Northwest & Northeast from utility Pole

-Site Setup Constrains: None for AST Cleaning & Pumping liquid out,

only Fenced area gate key from Scott, Rolcc.

Draw Sketch:



Additional Field Notes:

AST 862 not in use, some product
at the bottom with sludge. No staining

Spills around

N/ the Containment pad. looks very new. AST in very
good condition. No cracks in the concrete.

Appendix D
Waste Manifest

56613554

GENERATOR

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7334

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A 6 1 7 0 0 2 3 2 0 8 0 0 0 1 3		Manifest Document No. 1 3		2. Page 1 of 1		Information in the shaded areas is not required by Federal law					
3. Generator's Name and Mailing Address Commanding General (1AU) MCAS-El Toro, P.O. Box 95001 Santa Ana, CA 92709-5001 4. Generator's Phone (714) 726-2772						A. State Manifest Document Number 96613554							
5. Transporter 1 Company Name ADVANCED IN 13579 Whittram Fontana, CA 92335						B. State Generator's ID H A H 0 3 6 0 3 8 9 1 6							
6. US EPA ID Number C A P 1 9 1 8 2 4 1 0 3 1 9 8						C. State Transporter's ID							
7. Transporter 2 Company Name						D. Transporter's Phone 909-356-9025							
8. US EPA ID Number						E. State Transporter's ID							
9. Designated Facility Name and Site Address Advanced Environmental, Inc. 13579 Whittram Ave. Fontana, CA 92335						F. Transporter's Phone							
10. US EPA ID Number C A T 0 8 0 0 2 5 7 1 1						G. State Facility's ID							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol			
a. Combustible Liquid, N.O.S., combustible liquid, NA1993, PGIII						0 0 1 T T		0 5 0 0 0 G		15. Waste Number State 221 EPA/Other N/A			
b. DANGEROUS PRODUCT										State EPA/Other			
c.										State EPA/Other			
d.										State EPA/Other			
J. Additional Descriptions for Materials Listed Above petroleum hydrocarbons fuels diesel: 90% gasoline: 10%						K. Handling Codes for Wastes Listed Above: a. b. c. d.							
15. Special Handling Instructions and Additional Information FAX facility signed manifest to ATN: Steve Chandler at fax number (714) 263-1147, Project #18609, DO#70, Emergency number (714) 726-3917, ERG #128, Approval number #9805069A													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name Eddie Benavente						Signature 		Month 0 5		Day 2 1		Year 9 8	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Ted Miramontes						Signature Ted Miramontes		Month 0 5		Day 2 1		Year 9 8	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name						Signature		Month		Day		Year	
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name													
Signature						Month		Day		Year			

DO NOT WRITE BELOW THIS LINE.

UNIFORM HAZARDOUS
WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas
is not required by Federal law.

C A 6 1 7 0 0 2 3 2 0 8

0 0 0 1 8

of 1

3. Generator's Name and Mailing Address

Commanding General (1AU)
MCAS-El Toro, P.O. Box 95001
Santa Ana, CA 92709-5001
4. Generator's Phone (714) 726-2772

A. State Manifest Document Number

96612122

B. State Generator's ID

H A H Q 3 6 0 3 8 9 1 6

5. Transporter 1 Company Name

6. US EPA ID Number

Allwaste Transportation & Remediation
C A D 0 0 6 3 5 4 7 9 9 6

C. State Transporter's ID

D. Transporter's Phone

800-521-1030

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address

10. US EPA ID Number

Chemical Waste Management
35251 Old Skyline Rd.
Kettleman City, CA 93239

C A T 0 0 0 6 4 6 1 1 7

G. State Facility's ID

H. Facility's Phone

(800) 222-2964

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers
No. Type

13. Total
Quantity

14. Unit
Wt/Vol

15. Waste Number
State
EPA/Other

a. Lead contaminated solids, Non-RCRA hazardous waste, solid

003
DOT 6

D M

2100

P

State

181

EPA/Other

NR

b. Lead contaminated sludge, Non-RCRA hazardous waste, liquid

007

D M

3200

P

State

135

EPA/Other

NR

c.

State

EPA/Other

d.

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

11a) lead contaminated soil: lead = 11.2 mg/l (STLC)
<5.0 TCLP; (11b) lead contaminated sludge: lead = 1,640
mg/kg, < 5.0 mg/l (TCLP)

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

FAX facility signed manifest to ATN: Steve Chandler at
fax number (714) 263-1147, (11a) Project # 20242, DO#112, Purchase Order # 1047053,
(11b) Project #18609, DO#70, Purchase Order # 1047622, Emergency Number (714) 726-3917,
ERG #n/a, CWM Profile (11a) DZ4370, (11b) DZ4372

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Signature

Month Day Year
08 06 98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year
08 06 98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

DO NOT WRITE BELOW THIS LINE.

96612117
E-CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7550

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RES.

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A 6 1 7 0 0 2 3 2 0 8 0 0 0 1 6		Manifest Document No. 1 6		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address Commanding General (1AU) MCAS-El Toro, R.O. Box 95001 Santa Ana, CA 92709-5001 4. Generator's Phone (714) 726-2772						A. State Manifest Document Number 96612117					
5. Transporter 1 Company Name All Waste Transportation Remediation, Inc.						B. State Generator's ID H A H 0 3 6 0 3 8 9 1 6					
6. US EPA ID Number C A D 0 6 3 5 4 7 9 9 6						C. State Transporter's ID 800-321-1030					
7. Transporter 2 Company Name						D. Transporter's Phone					
8. US EPA ID Number						E. State Transporter's ID					
9. Designated Facility Name and Site Address Chemical Waste Management 35251 Old Skyline Rd. Kettleman City, CA 93239						F. Transporter's Phone					
10. US EPA ID Number C A T 0 0 0 6 4 6 1 1 7						G. State Facility's ID					
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol	
a. Chlordane contaminated soil, Non-RCRA hazardous waste, solid						No. Type		Quantity		Waste Number	
						993 D M		02000 P		State 611 EPA/Other N/A	
b. Chlordane and lead contaminated sludge, Non-RCRA hazardous waste, liquid						917 D M		00935 G		State 135 EPA/Other N/A	
c. Vapor tight sludge drum #564										State EPA/Other	
d.										State EPA/Other	
Additional Description of Materials (If Different From Above)						K. Handling Codes for Wastes Listed Above					
a) Chlordane: 8.1 mg/kg, lead: 5.7 mg/l (SILC)											
b) Chlordane: > 25 mg/l, lead: 12.9 mg/l (SILC)											
15. Special Handling Instructions and Additional Information FAX facility signed manifest to ATN: Steve Chandler at fax number (714) 263-1147, Project #18609, D070, ERG #n/a, Emergency Number (714) 726-3917, CWM Profile(s); 11a: DZ4368, 11b: DZ4369, OHM Remediation Purchase Order #1046362											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.											
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name R. E. BENAVENTE						Signature <i>[Signature]</i>			Month Day Year 06 25 98		
17. Transporter 1 Acknowledgement of Receipt of Materials						Signature <i>[Signature]</i>			Month Day Year 06 25 98		
Printed/Typed Name Ron Shiner						Signature <i>[Signature]</i>			Month Day Year 06 25 98		
18. Transporter 2 Acknowledgement of Receipt of Materials						Signature			Month Day Year		
Printed/Typed Name						Signature			Month Day Year		
19. Discrepancy Indication Space											
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
Printed/Typed Name						Signature			Month Day Year		

DO NOT WRITE BELOW THIS LINE.

Appendix E
Site Photographs



Photograph No. 1 & 2: AST 862 inside the concrete containment bermed area.



Photograph No. 3: AST 862 and OWS 862 inside the concrete containment bermed area.